

## Rose-Hulman Institute of Technology Rose-Hulman Scholar

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Institute Inklings

Student Newspaper

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Winter 1-21-1971

# Volume 6, Issue 11 - January 21, 1971

Institute Inklings Staff  
*Rose-Hulman Institute of Technology*

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# INSTITUTE INKLINGS

VOLUME 6, NUMBER 11 ROSE-HULMAN INSTITUTE OF TECHNOLOGY TERRE HAUTE, INDIANA JANUARY 21, 1971

## TOMMYKNOCKERS

by Bill Strahle

ITEM: Has anyone thought to walk in Dr. Logan's office, shake his hand, and just tell him he's doing a good job?

ITEM: In reply to a recent letter to the editor: Some students and professors feel that having an instructor stand in front of a class and lecture is not a prerequisite for learning. Some students need close guidance and direction to learn, while others do not. In an IPI course, or its equivalent, it is not a failure on the instructor's part that results in your not learning—the fault lies in your own motivation.

ITEM: Dear Ed, the Racers have a mid-engine Corvair project now. Why not call a meeting?

ITEM: Now that the name change is in effect, can we call Mr. Hulman, Tony?

## Jobs May Be Scarce

With the economy in its present bind, jobs may be a little bit harder to find this year at Rose. It is now a buyers market, companies are being more selective than ever.

Nevertheless everyone seeking employment from Rose last year was placed, either in graduate school, business and industry or the government. Interviewers say that this is possible because they like what they see at Rose and are impressed with the general atmosphere of a midwest school. These are the main reasons why Mr. William Sisson, Director of Placement and Corporate Relations, is able to predict just as many job offers or even more than last year.

(Continued on Page Three)

## "MIND GARDEN" CONTINUING EDUCATION AT ROSE

On Tuesday, February 2nd, professional entertainment returns to the Rose-Hulman campus in the form of a folk group called Morganmasondowns. Morganmasondowns will be appearing in "The Mind Garden" nightly Tuesday, February 2nd through Sunday, February 7th. Shows will be at 9 and 10 p.m. Tuesday through Thursday, and Sunday and 9, 10 and 11 p.m. Friday and Saturday. Admission will be 50c per person Tuesday-Thursday and 75c per person Friday-Sunday.

On Friday and Saturday, January 29 and 30, Ellen Kozick, a student at St. Mary's, will be appearing in "The Mind Garden." Ellen has an excellent voice and accompanies herself on guitar. The shows will start at 9:00 p.m. both nights, there will be no admission charge.

—Mark Murnan  
Student Activities Board

## GRAB A FREE MEAL

The Rose-Hulman Student Government, in conjunction with the Terre Haute Chamber of Commerce, is sponsoring a "Student in the Home" dinner on Sunday, February 21.

Interested students from Rose-Hulman, St. Mary's and I.S.U. will spend this Sunday evening with a family in Terre Haute, consuming not only a delicious meal but the benefit of discussing the ideas and goals concerning the Terre Haute college student relationship. Find out what Terre Haute has done for the college student. Are there any plans

to provide "hang-outs" for college students (18 years and older)? Get the answers to these and other questions by participation in this program.

Complete and cut out the blank section below and return via campus mail to BOX 1162-3 before February 6. You will be matched with a family and will receive their names via campus mail.

This project is limited to students not living in Vigo County and it would be greatly appreciated if you would not reply unless you plan on attending the evening meal and discussion.

## Plans For New Gym

Present plans call for a new gymnasium with three basketball floors, a swimming pool, eight handball courts, wrestling room, office suite, additional storage to be connected to the end of our present fieldhouse. In addition, we plan to tartan the entire area of our existing building with varsity basketball continually to be played there. A one-half mile tartan track will encircle the basketball floors. The present portable basketball floor will be sold and the permanent bleachers on the west end torn out and replaced by portable-telescoping bleachers to match those on the east end. This will increase our seating for basketball from approximately 2,000 to 3,000. A new football stadium and additional tennis courts are also scheduled. Plans call for completion of all athletic improvements by our centennial year of 1974. This will also culminate Rose-Hulman's ten-year development program.

In an effort to keep people having responsibilities or interests in various fields of engineering better informed, Rose-Hulman has, and will continue to offer several courses in its Continuing Education series. The series is headed by program chairman Professor Irwin Hooper and committee members Dr. James Matthews, Dr. Sam Hyte, Ron Reeves and Bill Sisson. The courses are designed to assist local industry and are chosen on the results of surveys taken throughout area industries.

The self-sustaining program works on the basis of offering a series of lectures about a certain area of engineering and, of course, charging a nominal fee for the services performed. An example of one course is one which is presently running and deals with pollution control. Dr. Robert Arthur of our own Biological Engineering Department, is conducting the course which meets once a week for four weeks, two hours per lecture. Other courses that Rose has sponsored this school year have dealt with the Digital Computer and Computer Utilization in Industry. Courses that are planned include the Analogue Computer, Stress Analysis, and Chemical Kinetics.

Picasso's five-story sculpture has been erected in Chicago. The only thing we're sure about it is that nobody is likely to steal it.

—Indianapolis Star

Sign on a church: "Fire Insurance Available Here."  
—Ashley Cooper in Charleston (S.C.) News and Courier

Uncle Stewbold, 96 years old, declares that his experience has taught that good luck comes in the big economy size.

—Hugh Allen in  
Knoxville News Sentinel

|                                      |
|--------------------------------------|
| NAME _____                           |
| BOX NO. _____                        |
| YES NO                               |
| CAN PROVIDE OWN TRANSPORTATION _____ |
| DATE RETURNED _____                  |

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All letters to the editor will be printed as received. There will be no editing or censorship. All letters must be typewritten, and must be signed. The name will be withheld by request. Please try to make letters brief and to the point. Letters must be in Box 605 before 3 P.M. on Mondays to be in that week's issue.

—Editor

LETTER TO  
THE EDITOR

Dear Sir:

I strongly feel that a few salient points need publication regarding the letter to the editor appearing in the January 14, 1971, issue of the *Institute Inklings* written by Mr. Name Withheld.

ITEM 1. I feel that if a person shares so strong an opinion as to desire its publication then he is inexorably obligated to indicate the author of such an opinion. I personally feel that any opinion on a matter might be right, wrong, or in between. Nevertheless, one has both the right and the obligation to express one's opinion whenever public or private good may result. I hope the opinions expressed herein foster better understanding or at least lead to views on both sides of the coin.

ITEM 2. Sophomore students in mechanical engineering had a distinct choice between enrolling in the "self-paced diff. eq." on in the regular course at the time of winter registration. No

coercion was intended nor desired.

ITEM 3. I cannot speak regarding the tests in other courses taken by Mr. Withheld. The quiz in Dynamics mentioned by Mr. Withheld was based solely on the material discussed by me in class the week before I was gone. Maybe Mr. Name Withheld meant that I did not "teach him" (quoted from Mr. Withheld's letter) the material when I was in class. Frankly, I don't believe that any teacher alive can teach a student. The best a teacher can do is to present the fundamental concepts and to foster interest in the student to want to learn the material through application of these fundamental concepts to engineering problems that hold relevance in today's society. After all the young engineer is expected to apply his acquired skill to the solution of today's and of tomorrow's problems.

ITEM 4. I specifically mentioned at least twice in class the fact that there was one other section in dynamics held concurrently for each of my two sections. I further stated that Prof. Robinson taught one section and Prof. Lew the other. It seemed reasonable to me if a student wanted to supplement my handouts on the fundamental concepts and on solved problems that he could attend the appropriate section. In fact, I feel it is beneficial to hear a subject from other persons in order to experience the different points of view that certainly exist.

ITEM 5. I urgently feel that

it is the adamant responsibility of every teacher (and/or engineer) to continually educate himself to the rapid changes in his area of work or interest. Without such activity obsolescence soon arrives. How long do you think the "half-life" of a graduating engineer is without such self-education? Five years has been mentioned. As an admitted gross exaggeration, how would you like to be treated today by a physician who hadn't heard of penicillin?

ITEM 6. Do you know what finite element analysis is all about? Chances are your answer is no. It is currently the single most powerful tool that the structural engineer has to analyze and to design the complicated structures in today's society. Use of finite element analysis and of the digital computer can result in the structural analysis and design of an entire building in a matter of minutes of computer time. I feel that instruction on a method with this power is a must for students interested in structures. By the way, a course with this content (to my knowledge) is not presently offered at Rose-Hulman. By attending this short course on finite element analysis, I now feel competent to at least introduce the fundamental ideas involved in finite element analysis and to illustrate the method with structures involving plane stress and plane strain.

ITEM 7. Undergraduate education is a transient one. I believe that the faculty and the administration recognize this quality. The student will notice

changing curricula and new curricula, and possibly recognize new emphasis in current course content. The student wants and deserves the best possible education. I feel that teachers at the Institute are trying to provide that quality of education by not only doing their best "in class" but by continually up-grading their own education "out-of-class." A short course is one method of effecting this up-date. By the way, this particular short course meets annually.

Sincerely,

—Richard C. Coddington

Sir:

After talking with Dr. Logan last week, I learned that we seniors will in all likelihood graduate from *Rose Polytechnic Institute* even though we now attend *Rose-Hulman Institute of Technology*. I don't know if it really matters what the name of the school reads on our diplomas as the education will remain the same. However, some people do have opinions on such issues and since we attended Rose Poly for three and a half years, it would probably be proper to have our diplomas read Rose Polytechnic Institute. On the other hand, Rose Poly is in the past and Rose-Hulman is in the future. If any senior has an opinion on this matter, please see me.

—Ken Simpson  
 Senior Class President

A pessimist is a fellow who really knows what's going on.

—Roger Allen in  
 Grand Rapids (Mich.) Press



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# NICHOLAS NURD

&  
THE QUEEN OF THE PROM

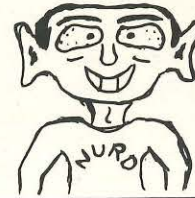
BY,  
*Mortimer*

THIS WEEK'S CAMPUS ACTIVITIES  
ARE POSTED ON THE UNION  
BULLETIN BOARD

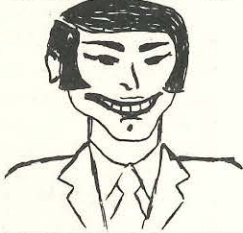
UNION ACTIVITIES

FRI: HIGH SCHOOL PROM

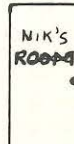
NIK DECIDES THAT MR. CHARISMA  
WILL ROCK ON AT THE PROM



THAT FRIDAY AT THE PROM  
MR. CHARISMA SEES THE  
QUEEN AND A CRUEL SMILE  
CROSSES HIS LIPS



LATER THAT NIGHT BACK  
AT THE DORM, THE GUYS  
ARE RETURNING FROM  
THEIR DATES



BLAH  
BLAH  
BLAH

SHHH, GUYS!  
YOU'LL WAKE  
UP NIK.

MEANWHILE BEHIND NIK'S  
LOCKED DOOR



SEE  
YOU  
NEXT  
WEEK

(MAYBE?)



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## JOBS MAY BE SCARCE

(Continued from Page One)

It should be noted, however,  
that this prediction comes even  
though 15 per cent of the in-  
terviewing companies that were  
here last year have cancelled  
all interviews. This figure is  
slightly misleading though ac-  
cording to Mr. Sisson. The  
companies that made most of  
the offers are still here, only  
the small companies who were  
unable to compete in salary  
have left.

Another aspect that contrib-  
utes to Rose's success in place-  
ment is its alumni. As many  
as 40 per cent of Rose's alumni  
are in the upper echelons of  
management, this alone is suf-  
ficient reason for the inter-  
viewers to return.

Things aren't looking as good  
in the summer job placement  
program, however. While the  
school does not have an official  
placement program for summer  
jobs Mr. Sisson encouraged all  
of those students who are in-  
terested to contact the alumni  
near your hometown. Even  
though interviews for summer

jobs will not be held until Feb-  
ruary and March students  
should start checking around  
now!

Joe Morrow says this is the  
age of tension — everybody is  
living in fear of bending an  
IBM card.

## BIG DEAL you bet it is



No matter how you feel about the war in  
Vietnam, the fate of this prisoner of war  
is a big deal. To his wife and children. To  
his parents. To the signatories of the Geneva  
Conventions. To all rational people in the  
world.

The Red Cross is asking you to consider the  
matter of prisoners of war and those who  
are missing in action in Asia.

It is not asking you to take a stand on the  
war itself. It is asking you to ask Hanoi to  
observe the humanitarian provisions of the  
Geneva Conventions.

Ask Hanoi to release the names of men it  
holds prisoner. Ask them to allow prisoners  
to communicate regularly with their fam-  
ilies. Ask them to repatriate seriously ill  
and wounded prisoners. Ask them to allow  
a neutral intermediary to inspect places of  
detention.

Ask them this in a letter mailed to:

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HANOI, NORTH VIETNAM

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## ENGINEERS 7-7; HOST PACE TOMORROW

Following a 112-93 loss at Earlham last Saturday, the Engineers will attempt to edge over the .500 mark again when they host Pace in the second match of the Invitational Tournament here tomorrow night. Centre and MacMurray will open the festivities at 7:00 with the Rose-Pace clash scheduled for 9:00. A consolation game will precede the Championship battle Saturday evening. The Sparkettes and the ISU Pep Band will be featured at half-time of the Rose-Pace game Friday evening. Following Saturday, the Engineers will be idle until DePauw invades Shook Fieldhouse Wednesday evening.

Pace invades Rose for its

first game after a layoff for finals week. They carry an 8-7 slate with one victory over tenth ranked Montclair St., an NCAA College Division school as is Pace. This game could well be the best matchup of the tourney.

Earlham's Quakers substituted freely en route to their 112-93 victory over the Engineers Saturday. For a few minutes in the second half, it looked as though Earlham's substituting could prove costly as Rose pulled within six, but the return of a couple Quaker starters and Tom Butwin's fouling out spelled an immediate increase in the Earlham lead which hovered around 20 points the last five minutes.

Statistically, Tom Butwin leads in scoring at 15.1 ppg followed by Gary Dougan, 14, and Larry Erwin, 11.8. Dougan tops the rebounders with 131 caroms while Randy Wadsworth has gathered in 115 to rank second. Dougan also leads in field goal accuracy by canning 64 of 119 for 53.9 per

cent while Erwin holds the best mark at the charity stripe with 78.7 per cent. Butwin has also been the leading playmaker with 94 assists.

| ROSE      | FGM | FGA | FT | RB | PTS |
|-----------|-----|-----|----|----|-----|
| Erwin     | 9   | 20  | 1  | 6  | 19  |
| Snyder    | 7   | 21  | 6  | 13 | 20  |
| Dougan    | 8   | 10  | 9  | 12 | 25  |
| Butwin    | 3   | 8   | 3  | 1  | 9   |
| Black     | 3   | 9   | 3  | 4  | 9   |
| Cordero   | 0   | 1   | 0  | 1  | 0   |
| Eades     | 0   | 3   | 0  | 3  | 0   |
| Wadsworth | 2   | 2   | 1  | 1  | 5   |
| Radecki   | 2   | 2   | 0  | 0  | 4   |
| Hans      | 1   | 1   | 0  | 1  | 2   |

| Totals   | 35  | 77  | 23 | 44 | 93  |
|----------|-----|-----|----|----|-----|
| EARLHAM  | FGM | FGA | FT | RB | PTS |
| Rosner   | 6   | 13  | 2  | 7  | 14  |
| Lower    | 7   | 11  | 0  | 5  | 14  |
| Gray     | 8   | 9   | 5  | 8  | 21  |
| Banks    | 4   | 8   | 2  | 2  | 10  |
| Besecker | 4   | 7   | 1  | 1  | 9   |
| Byrd     | 1   | 2   | 0  | 0  | 2   |
| Stewart  | 2   | 9   | 4  | 8  | 8   |
| McMillen | 1   | 2   | 4  | 1  | 6   |
| Griffin  | 4   | 8   | 2  | 1  | 10  |
| Stroud   | 3   | 11  | 2  | 4  | 8   |
| Burns    | 2   | 4   | 2  | 2  | 6   |
| Jay      | 2   | 2   | 0  | 3  | 4   |

Totals 44 86 24 46 112

## IM ACTION CONTINUES

Last week's intramural action saw the top teams in each Major division meet head on as Sigma Nu downed Off Campus and Blumberg-Scharpenberg edged Triangle 54-49. Bowling saw few changes as Triangle swept ATO to remain undefeated and Off Campus outdueled Sigma Nu and surged to 11-1. Minor bowling remains in a three way deadlock as ATO, Triangle and BSB each sport 10-2 records. Volleyball is still in its early stages with Off Campus and Sigma Nu atop one division and Theta Xi and ATO atop the other.

Volleyball standings are as follows:

| MAJOR A    |     |
|------------|-----|
| Off Campus | 2-0 |
| Sigma Nu   | 2-0 |
| Faculty    | 1-2 |
| Speed      | 1-2 |
| Triangle   | 0-2 |

| MAJOR B  |     |
|----------|-----|
| ATO      | 2-0 |
| Theta Xi | 2-0 |
| LXA      | 1-1 |
| Fiji     | 1-2 |
| BSB      | 0-3 |

| MINOR A    |     |
|------------|-----|
| Dem-Mees 1 | 2-0 |
| Sigma Nu 3 | 2-0 |
| Bl.-Sch. 1 | 1-1 |
| Off Campus | 1-1 |
| ATO        | 1-2 |
| Speed 4    | 0-3 |

### MINOR B

|             |     |
|-------------|-----|
| Bl.-Sch. 3  | 2-0 |
| Sigma Nu 4  | 2-0 |
| Speed 5     | 2-1 |
| LXA         | 1-2 |
| Speed 1     | 1-2 |
| Dem.-Mees a | 0-3 |

### MINOR C

|             |     |
|-------------|-----|
| Sigma Nu 1  | 2-0 |
| Theta Xi    | 2-0 |
| Speed 2     | 1-1 |
| Triangle 2  | 1-1 |
| BSB 1       | 0-2 |
| Dem.-Mees B | 0-2 |

### MINOR D

|            |     |
|------------|-----|
| Triangle 1 | 2-0 |
| Bl.-Sch. 2 | 2-1 |
| Sigma Nu 2 | 1-1 |
| Speed 3    | 1-1 |

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